

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-329016

(43)Date of publication of application : 27.11.2001

---

(51)Int.CI. C08F 6/10  
C08F 32/00  
C08G 61/06  
// A61J 1/05  
A61M 5/142

---

(21)Application number : 2000-152615

(71)Applicant : TEIJIN LTD

(22)Date of filing : 24.05.2000

(72)Inventor : TAKEUCHI MASAKI  
MAKI TAKAMASA  
KIDO NOBUAKI  
MATSUMURA SHUNICHI

---

## (54) METHOD FOR MANUFACTURING CYCLIC OLEFIN POLYMER

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for manufacturing a cyclic olefin polymer showing heat resistance and lowering of the molecular weight and having little residual solvent.

SOLUTION: A cyclic olefin polymer composition comprising a cyclic olefin polymer and an organic solvent is subjected to (1) heating with agitation at  $\geq 20^{\circ}\text{C}$  and not more than the boiling point of the composition under normal pressure, and then to heating under reduced pressures with continued agitation in a stepwise manner of (2) at  $\geq 80^{\circ}\text{C}$  and  $\leq 255^{\circ}\text{C}$  under a pressure of  $\geq 4$  kPa and  $\leq 70$  kPa and (3) at  $\geq 190^{\circ}\text{C}$  and  $\leq 255^{\circ}\text{C}$  under a pressure of  $\geq 1$  kPa and  $< 4$  kPa. The organic solvent in the composition is thus eliminated and the polymer showing little degradation of heat resistance and lowering of the molecular weight and having little residual organic solvent can be obtained.

---

### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]